

ROBERT E. BUSHNELL*†

JOSEPH G. SEEBER°

JOHN C. BROSKY°+*

DARREN R. CREW+*

MATTHEW J. LESTINA‡*

SARYADVINDER S. SAHOTA‡*

RICHARD H. STERN°

MICHAEL D. PARKER

DANIEL A. GESELOWITZ, Ph.D.

(REG. PATENT AGENTS)

† ADMITTED IN MARYLAND

° ADMITTED IN VIRGINIA

+ ADMITTED IN PENNSYLVANIA

‡ ADMITTED IN NEW YORK

° ADMITTED IN CONNECTICUT

* NOT ADMITTED IN D.C.

Assistant Commissioner for Patents

Washington, D.C. 20231

R. E. BUSHNELL

ATTORNEY AT LAW

1523 K STREET, N.W., SUITE 300

WASHINGTON, D.C. 20005-1202

UNITED STATES OF AMERICA

28 September 2001

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040

FACSIMILE (202) 289-7100

FACSIMILE (202) 628-8835

FACSIMILE (410) 747-0022

E-MAIL: REBUSHNELL@AOL.COM

☐ U.S. Postal Service

☐ Via Local Courier

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Attorney Docket: P56533

Sir:

Submitted herewith is the following patent application:

Inventor: 1) JONG-SEO CHOI
2) DONG-HEE HAN
3) SEUNG-KWON HAN
4) DONG-KYUN SEO
5) BU-CHUL SIN
6) HWAN-CHUL RHO

Title: CATHODE FOR ELECTRON TUBE AND METHOD OF
PREPARING THE CATHODE

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1 through 12

Claim of priority under 35 U.S.C. §119: **YES**

** U.S. Provisional Application Serial No. 60/299,786 filed on 22 June 2001.

FEE (see formula below): CHECKS ARE ENCLOSED (#40383 and #40384)

Basic Fee \$355/710 \$710.00

Additional Fees:

Total number of claims in excess of 20: 14 times \$9/18 . \$252.00

Number of independent claims in excess of 3: times \$40/80 \$0.00

Multiple Dependent Claims \$135/270 \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 . . \$40.00

Filing Non-English specification \$0.00

TOTAL FEES FOR THE ABOVE APPLICATION **\$1,002.00**

Inventor: 1) JONG-SEO CHOI
2) DONG-HEE HAN
3) SEUNG-KWON HAN
4) DONG-KYUN SEO
5) BU-CHUL SIN
6) HWAN-CHUL RHO

Title: CATHODE FOR ELECTRON TUBE AND METHOD OF
PREPARING THE CATHODE

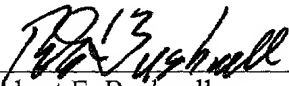
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Telephone: (202) 408-9040
Telefacsimile: (202) 628-0755

REB/sb

11003 U.S. PAT. & TM. OFF.

PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL

Patent fees are subject to annual revision

Complete If Known

Application Number	To be assigned
Filing Date	28 September 2001
First Named Inventor	JONG-SEO CHOI et al.
Examiner Name	To be assigned
Group/Art Unit	To be assigned

TOTAL AMOUNT OF PAYMENT (\$ 1,002.00)

Attorney Docket No. P56533

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to

3. ADDITIONAL FEES

Deposit Account Number: 02-4943
Deposit Account Number: _____

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
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☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

105	130	205	65	Surcharge-late filing fee or oath	\$
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☐ Applicant claims small entity status See 37 CFR 1.27

127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
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2. ☒ Payment Enclosed:
(CHECK #40383 & #40384)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

139	130	139	130	Non-English specification	\$
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FEE CALCULATION

1. BASIC FILING FEE		Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)				
101	710	201	355	Utility filing fee	\$710.00		
106	320	206	160	Design filing fee	\$		
107	490	207	245	Plant filing fee	\$		
108	710	208	355	Reissue filing fee	\$		
114	150	214	75	Provisional filing fee	\$		
SUBTOTAL (1)		(\$ 710.00)					

112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
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113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
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115	110	215	55	Extension for reply within first month	\$
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116	390	216	195	Extension for reply within second month	\$
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117	890	217	445	Extension for reply within third month	\$
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118	1,390	218	695	Extension for reply within fourth month	\$
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128	1,890	228	945	Extension for reply within fifth month	\$
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119	310	219	155	Notice of Appeal	\$
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120	310	220	155	Filing a brief in support of an appeal	\$
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121	270	221	135	Request for oral hearing	\$
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138	1,510	138	1,510	Petition to institute a public use proceeding	\$
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140	110	240	55	Petition to revive - unavoidable	\$
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141	1,240	241	620	Petition to revive - unintentional	\$
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142	1,240	242	620	Utility issue fee (or reissue)	\$
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143	440	243	220	Design issue fee	\$
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144	600	244	300	Plant issue fee	\$
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122	130	122	130	Petitions to the Commissioner	\$
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123	50	123	50	Petitions related to provisional applications	\$
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126	240	126	240	Submission of Information Disclosure Statement	\$
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581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
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146	710	246	355	Filing a submission after final rejection (37 C.F.R. §1 129(a))	\$
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149	710	249	355	For each additional invention to be examined (37 C.F.R. §1 129(b))	\$
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Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

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Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.		Reg. Number	27,774	
Signature			Date	28 September 2001	Deposit Account User ID

REB/sb

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JONG-SEO CHOI et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 28 September 2001

Art Unit: *to be assigned*

For: CATHODE FOR ELECTRON TUBE AND METHOD OF PREPARING THE
CATHODE


TRANSMITTAL OF DECLARATION

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.
Washington, D.C. 20005
(202) 408-9040

Folio: P56533
Date: 28 September 2001
I.D.: REB/sb

1002260-3449550